



NOAA Restoration Center

Todd Property Anadromous Fish Habitat Restoration

Project Description

The project will restore riparian vegetation and re-establish self-sustaining fluvial geomorphic processes to support habitat for anadromous fish species. The method for restoring the hydrology may be by creating a backwash that will allow the property to flood seasonally and later drain back into the Tuolumne river. Breaching local agricultural berms will also be considered.

Project Nickname Todd Property Anadromous/RC NOAA NA17FZ1547
Location Modesto, Stanislaus County, CA, SWR
Program Community-based Restoration **Congressional District** CA 18
Lat, Long Coordinates -121.1122, 37.5779 **Land Ownership** Private
Implementation Start Date 01-SEP-01 **Implementation End Date** 28-FEB-03
River Basin Tuolumne River **HUC** 18040002
Geographic Identifier Pacific Ocean **USGS Topo Quad** BRUSH LAKE
Project Status Planning Stage **Project Type** Restoration
Project Status Description
Landmark Todd Property

Number of Volunteers

Volunteer Hours

Volunteer Description

Proposed Project?

Project Closed?

FY Completed

Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
stream/river channel						.5	
riparian zone		50					

Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Salmon, chinook	<i>Oncorhynchus</i>	<i>tshawytscha</i>	Central Valley, fall/late fall-run	Candidate	animal
Trout, steelhead	<i>Oncorhynchus</i>	<i>mykiss</i>	California Central Valley	Threatened	animal

Partners

Natural Resource Conservation Service
Tuolumne River Technical Advisory Committee
East Stanislaus Resource Conservation District

Restoration Techniques

hydrologic control structures
riparian planting

Contacts

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NOAA

NOAA Involvement

technical assistance/expertise
source of funding

Monitoring Information

Characteristic	Type
Vegetation species presence/absence	Structural
Fish density/diversity	Structural

Additional Info

Funding Information

Funding Mechanism	FY Awarded	NOAA Contribution	Partnership Contribution	Total Partnership Contribution
NOAA Restoration Center	2001	\$50,000	\$0	\$50,000
TOTALS		\$50,000	\$0	\$50,000

Other Non-Federal \$ **Other Federal \$** **Total Project Cost**

Funding Recipient Tuolumne River Preservation Trust

Funding Comments**Project Abstract**

The NOAA Community-based Restoration Program funded the Todd Property Anadromous Fish Habitat Restoration Project. The project was awarded to the Tuolumne River Preservation Trust. The project will be located between miles 6 and 7 on the lower Tuolumne River. The project will restore approximately 50 acres of riparian vegetation and will re-establish self-sustaining fluvial geomorphic processes to support habitat for anadromous fish species. The hydrology will be restored by creating a backwash that will allow the property to flood seasonally and later drain back into the Tuolumne River. Breaching local agricultural berms will also be considered. Prior to June of 2002, this property had been managed for growing corn and oats and had limited riparian floodplain function. The area has since been placed into a permanent conservation easement held by the Natural Resources Conservation Service with the fee simple being held by the East Stanislaus Resource Conservation District. This parcel is connected to two other larger riparian parcels that are being restored separately, and will help to create a large (approximately 246 acres), connected healthy riparian corridor.

This project is expected to be implemented beginning in the summer 2004 and ending in the early winter 2005. After completion, monitoring will include an assessment of the fish, wildlife and vegetation in the project area. This monitoring program will include community involvement through and education and volunteer component. Other partners on this project include Tuttle and Van Konynenburg L.L.P. for legal assistance and local volunteers for monitoring and implementation.